

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	404	(359/344).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/01 09:40
L2	1730	(372/46.01).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/01 09:40
L3	405	I1 or I2 and ("semiconductor optical amplifier".clm. and "electrical contact".clm.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/01 09:41
L4	1	("5536571").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/01 09:42
L5	54	I3 and "semiconductor laser".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/01 09:42
L6	1	I5 and anode.clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/01 09:42
L8	31	("2702285"   "2746893"   "2913773"   "3115386"   "3632386"   "3941610"   "3946135"   "3985937"   "4118541"   "4159219"   "4160798"   "4234649"   "4282054"   "4304815"   "4373992"   "4409359"   "4423100"   "4598105"   "5034448"   "5165976"   "5254661"   "5284690").PN. OR ("5536571").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 09:42
S1	1628	(372/46.01).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/01 09:40
S2	1473	S1 and @ad<"20020828"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:28
S3	46	S2 and (anode and electrode)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:28
S4	3	S3 and 'optical amplifier'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:38
S5	1332	'optical amplifier' and laser and (electrode or (anode or cathode))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:38
S6	972	S5 and @ad<"20020828"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:39

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S7	736	S6 and substrate	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:43
S8	16	S7 and mopa	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 13:43
S10	1	(fisher.in. and aaron.in.) and 'semiconductor optical amplifier'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 14:05
S13	3	((("6381066") or ("6141477") or ("5530585")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 14:22
S14	2319	('thermo-electric cooler' or TEC) and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 16:11
S15	62	S14 and SOA	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 16:11
S16	15	S15 and @ad<"20020828"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/02 16:11
S17	466	'transmission line type'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/03 11:15
S18	122	(determine or acquire) near 'transmission line'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/03 11:16
S19	3	S18 and 'optical amplifier'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/03 11:16
S20	60	'optical 3R'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/03 12:02
S21	1	("6445724").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 09:51
S22	400	(359/344).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 09:52
S23	340	S22 and @ad<"20030820"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 09:52
S24	11	("6445724").URPN.	USPAT	OR	ON	2006/02/13 09:56
S25	110	((common near3 substrate) or ('same' near3 substrate)) and 'semiconductor optical amplifier' and 'semiconductor laser'	USPAT	OR	ON	2006/02/13 09:57

## EAST Search History

S26	105	S25 and @ad<"20030820"	USPAT	OR	ON	2006/02/13 09:57
S27	1	("20050109879").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 13:58
S28	1	("5539571").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 14:25
S31	226	(359/349).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 14:21
S32	1	("6480327").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 14:25
S42	135	'mopa' and 'integrated circuit'	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 14:49
S43	454304	S42 and 'capacitor' or inductor or resistor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 14:49
S44	454304	S42 and 'capacitor' or inductor or resistor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 14:49
S45	65	S42 and (capacitor or inductor or resistor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 14:49
S46	1	"20040062037"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 15:14
S47	1	("20040042069").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/13 15:32
S48	2	fisher.in. and 'semiconductor optical amplifier'.clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/13 15:33